City of San Angelo 72W College Ave 2nd Floor San Angelo TX 76902

TAILGATE/TOOLBOX SAFETY TRAINING

Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786

#187108					
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San Angelo 1 A 70902	P	3 BOX 6408 YU	Ima, AZ 85366-6408 Toll Free (866) 204-4786	
Job Name:		ob Site Loca	ation:	
Date: Start Time:	Finish Time: Foreman/Supervisor:			
Tonic 322: Arc	Flash Hazards	_ Protei	ctive Equipment (Part C)	
<u>Introduction</u> : The following tables are for refe (Subpart I) "The employer shall certify that equidentify the equipment that passed the test and	erence use with meetings 320 aipment has been tested in accepted the date it was tested".	(Part A) & 32 cordance with	1 (Part B), and are in accordance with OSHA §1910.137 the requirements of this section. The certification shall nto logs are two acceptable means of meeting this requirement.	
Table 1-2 - A-C Proof-	Test Requirements		Table 1-3 - D-C Proof-Test Requirements	
Class of Equipment Proof-test Voltage, rms V Maximum proof-test current, mA (gloves 267mm 356mm 405mm 457m (10.5 in) (14 in) (16 in) (18 glove glov			Class of Equipment Proof-test voltage 0	
440,000		24	use a voltage high enough to indicate that the equipment can be safely at the voltages listed in Table 1-4	
Table 1-4 – Glove Tests – Wat	er Level	Table 1	1-5 – Rubber Insulating Equipment Voltage Requirements	
Class of A-C Proof test D-C Proof test Glove mm. in. mm. in. 0 38 1.5 38 1.5 1 38 1.5 51 2.0 2 64 2.5 76 3.0 3 89 3.5 102 4.0 4 127 5.0 153 6.0 1) The water level is given as the clearance from the cuff of the glove to the water line, with a tolerance of ± 13mm 2) If atmospheric conditions make the specified clearances impractical, the clearances may be increased by a minimum of 25mm (1 inch) Table 1-6 – Rubber Insulating Equipment Test intervals Rubber insulating line hose / Upon indication that insulating value is suspect Rubber insulating glove / Before first issue and every twelve months Rubber insulating glove / Before first issue and every twelve months Rubber insulating sleeves / Before first issue and every twelve months Rubber insulating equipment has been electrically tested but not issued for service, it may not be placed into service unless it has been electrically tested but not issued for service, it may not be placed into service unless it has been electrically tested within the previous 12 months.			Class of equipment Maximum Retest Retest use voltage voltage voltage voltage a-c - rms a-c - rms d-c - avg 0. 1,000 5,000 20,000 1 7,500 10,000 50,000 2 17,000 20,000 50,000 3 26,000 30,000 60,000 4 36,000 40,000 70,000 The maximum use voltage is the a-c voltage(rms) classification of the protective equipment that designates the maximum nominal design voltage of the energized system that may be safely worked. The nominal design is equal to the phase-to-phase voltage on multiphase circuits. However, the phase-to-ground potential is considered to be the nominal design voltage. 1) If there is no multiphase exposure in a system area and if the voltage exposure is limited to the phase-to-ground potential, or 2) If the electrical equipment and devices are insulated or isolated or both so the multi-phase exposure on a grounded wye circuit is removed. The prooftest voltage shall be applied continuously for at least 1 minute, but no more	
Note: Standard electrical test methods meeting this ASTM D 120-87, Specification for Rubber Insulatin ASTM D 1048-93, Specification for Rubber Insulatin ASTM D 1049-93, Specification for Rubber Insulatin ASTM D 1050-90, Specification for Rubber Insulatin ASTM D 1050-90, Specification for Rubber Insulating Conclusion: This meeting is to be used as reference.	g Gloves ASTM D 1051-8 ng Blankets. ng Covers. ng Line Hose ASTM F 478-93 ASTM F 496-93	37, Specification , Specification f , Specification f p, Specification	onsensus standards: American Society for Testing and Materials of for Rubber Insulating Sleeves. For In-Service Care of Insulating Line Hose and Covers. For In-Service Care of Insulating Blankets. for In-Service Care of Insulating Gloves and Sleeves. 21 (Part B).	
. This meeting is to be used as fell		te Review		
Work-Site Hazards and Safety Suggestion				
Personnel Safety Violations:				
Employee Signatures:	(My signature attests and veri	ies my understa	anding of and agreement to comply with, all company safety policies d, experienced, or sustained any recent job-related injury or illness.)	